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Reviewer Comments:
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<222> (2)..(3)
<223> The Xaa at positions 2 to 3 can be any amino acid

<220>
<221> MISC_FEATURE
<222> (4)..(24)
<223> The Xaa at positions 4 to 24 can be any amino acid, where up to 16 amino acids 4 to 24 can be absent

<220>
<221> MISC_FEATURE
<222> (26)..(29)
<223> The Xaa at positions 26 to 29 can be any amino acid

<400> 33

Cys Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10 15

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa His Xaa Xaa Xaa Xaa Cys
            20   25   30

The above <220>-<223> section regarding Xaa's at locations 4-24 is incorrect. "Cys" is at location 4: Xaa starts at location 5.
****

Validated By CRFValidator v 1.0.3

Application No: 10535167 Version No: 1.0

Input Set:

Output Set:

Started: 2008-07-14 16:19:26.308
Finished: 2008-07-14 16:19:27.942
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 634 ms
Total Warnings: 35
Total Errors: 0
No. of SeqIDs Defined: 35
Actual SeqID Count: 35

Error code	Error Description
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W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
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W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)

Input Set:

Output Set:

Started: 2008-07-14 16:19:26.308
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Actual SeqID Count: 35

Error code	Error Description

This error has occured more than 20 times, will not be displayed

SEQUENCE LISTING

<110> Fong, Timothy
Te, Alexis

<120> Cytomodulating Peptides for Treating Interstitial Cystitis

<130> A-71864 (465840-TBD)

<140> 10535167
<141> 2008-07-14

<150> PCT/US2003/037043
<151> 2003-11-17

<150> US 60/426,684
<151> 2003-05-15

<150> US 60/426,684
<151> 2002-11-15

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<170> PatentIn version 3.3

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<213> Artificial

<220>
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<222> (1)..(1)
<223> The Xaa at position 1 can be any basic amino acid, preferably lysine or arginine

<220>
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<222> (2)..(4)
<223> The Xaa at positions 2 to 4 can be any non-polar aliphatic or aromatic amino acid of from 5 to 6 carbon atoms, preferably any amino acid other than a polar aliphatic amino acid

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<222> (5)..(5)
<223> The Xaa at position 5 can be any basic amino acid, preferably lysine or arginine

<220>
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<222> (6)..(8)

<223> The Xaa at positions 6 to 8 can be any non-polar aliphatic or aromatic amino acid of from 5 to 6 carbon atoms, preferably any amino acid other than a polar aliphatic amino acid

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<222> (9)..(9)
<223> The Xaa at position 9 can be glycine, or any basic amino acid, or an aliphatic hydrophobic amino acid of from 5 to 6 carbon atoms

<400> 1

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Tyr
1 5 10

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<220>
<223> Synthetic

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<220>
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<223> The Xaa at positions 3 to 4 can be any non-polar aliphatic or aromatic amino acid of from 5 to 6 carbon atoms, preferably any amino acid other than a polar aliphatic amino acid

<220>
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<222> (6)..(8)
<223> The Xaa at positions 6 to 8 can be any non-polar aliphatic or aromatic amino acid of from 5 to 6 carbon atoms, preferably any amino acid other than a polar aliphatic amino acid

<220>
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<223> The Xaa at position 9 can be glycine, or any basic amino acid, or an aliphatic hydrophobic amino acid of from 5 to 6 carbon atoms

<400> 2

Arg Xaa Xaa Xaa Arg Xaa Xaa Xaa Xaa Tyr
1 5 10

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<212> PRT
<213> Artificial

<220>
<223> Synthetic

<400> 3

Arg Leu Leu Leu Arg Leu Leu Leu Gly Tyr
1 5 10

<210> 4
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<220>
<223> Synthetic

<400> 4

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1 5 10

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<220>
<223> Synthetic

<400> 5

Arg Ile Leu Leu Arg Leu Leu Leu Gly Tyr
1 5 10

<210> 6
<211> 10
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<400> 6

Arg Leu Val Leu Arg Leu Leu Leu Gly Tyr
1 5 10

<210> 7
<211> 10
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<220>
<223> Synthetic

<400> 7

Arg Leu Ile Leu Arg Leu Leu Leu Gly Tyr
1 5 10

<210> 8
<211> 10
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<400> 8

Arg Leu Leu Val Arg Leu Leu Leu Gly Tyr
1 5 10

<210> 9
<211> 10
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<400> 9

Arg Leu Leu Ile Arg Leu Leu Leu Gly Tyr
1 5 10

<210> 10
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<220>
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<400> 10

Arg Leu Leu Leu Arg Val Leu Leu Gly Tyr
1 5 10

<210> 11

<211> 10
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<400> 11

Arg Leu Leu Leu Arg Ile Leu Leu Gly Tyr
1 5 10

<210> 12
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<220>
<223> Synthetic

<400> 12

Arg Leu Leu Leu Arg Leu Val Leu Gly Tyr
1 5 10

<210> 13
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<220>
<223> Synthetic

<400> 13

Arg Leu Leu Leu Arg Leu Ile Leu Gly Tyr
1 5 10

<210> 14
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<220>
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<400> 14

Arg Leu Leu Leu Arg Leu Leu Val Gly Tyr
1 5 10

<210> 15
<211> 10

<212> PRT
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<220>
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<400> 15

Arg Leu Leu Leu Arg Leu Leu Ile Gly Tyr
1 5 10

<210> 16
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<220>
<223> Synthetic

<400> 16

Arg Trp Leu Leu Arg Leu Leu Leu Gly Tyr
1 5 10

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<220>
<223> Synthetic

<400> 17

Arg Leu Trp Leu Arg Leu Leu Leu Gly Tyr
1 5 10

<210> 18
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<220>
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<400> 18

Arg Leu Leu Trp Arg Leu Leu Leu Gly Tyr
1 5 10

<210> 19
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<400> 19

Arg Leu Leu Leu Arg Trp Leu Leu Gly Tyr
1 5 10

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<220>
<223> Synthetic

<400> 20

Arg Leu Leu Leu Arg Leu Trp Leu Gly Tyr
1 5 10

<210> 21
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<220>
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<400> 21

Arg Leu Leu Leu Arg Leu Leu Trp Gly Tyr
1 5 10

<210> 22
<211> 10
<212> PRT
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<220>
<223> Synthetic

<400> 22

Arg Tyr Leu Leu Arg Leu Leu Leu Gly Tyr
1 5 10

<210> 23
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<220>
<223> Synthetic

<400> 23

Arg Leu Tyr Leu Arg Leu Leu Leu Gly Tyr
1   5   10

<210> 24
<211> 10
<212> PRT
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<220>
<223> Synthetic

<400> 24

Arg Leu Leu Tyr Arg Leu Leu Leu Gly Tyr
1   5   10

<210> 25
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<212> PRT
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<220>
<223> Synthetic

<400> 25

Arg Leu Leu Leu Arg Tyr Leu Leu Gly Tyr
1   5   10

<210> 26
<211> 10
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<400> 26

Arg Leu Leu Leu Arg Leu Tyr Leu Gly Tyr
1   5   10

<210> 27
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<220>
<223> Synthetic

<400> 27

Arg Leu Leu Leu Arg Leu Leu Tyr Gly Tyr
1 5 10

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<400> 28

Arg Xaa Xaa Xaa Arg Xaa Xaa Xaa Gly Tyr
1 5 10

<210> 29
<211> 5
<212> PRT
<213> Artificial

<220>
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<400> 29

Gly Ser Gly Gly Ser
1 5

<210> 30
<211> 4
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<220>
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<400> 30

Gly Gly Gly Ser
1

<210> 31
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<220>
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<223> The Xaa at positions 1 to 5 can be any amino acid

<220>
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<222> (7)..(9)
<223> The Xaa at positions 7 to 9 can be any amino acid, where one of amino acids 7 to 9 can be absent

<220>
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<222> (11)..(22)
<223> The Xaa at positions 11 to 22 can be any amino acid, where up to 8 of amino acids 11 to 22 can be absent

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<223> The Xaa at positions 24 to 26 can be any amino acid

<220>
<221> MISC_FEATURE
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<223> The Xaa at positions 28 to 32 can be any amino acid

<400> 31

Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10 15

Xaa Xaa Xaa Xaa Xaa Xaa His Xaa Xaa Xaa His Xaa Xaa Xaa Xaa Xaa
20 25 30

<210> 32
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<213> Artificial

<220>
<223> Synthetic

<220>
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       17 amino acids 7 to 26 can be absent

<400> 32

Phe Gln Cys Glu Glu Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1   5   10   15

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa His Ile Arg Ser His Thr
            20   25   30

Gly

<210> 33
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<220>
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<220>
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<223> The Xaa at positions 2 to 3 can be any amino acid

<220>
<221> MISC_FEATURE
<222> (4)..(24)
<223> The Xaa at positions 4 to 24 can be any amino acid, where up to
       16 amino acids 4 to 24 can be absent

<220>
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<222> (26)..(29)
<223> The Xaa at positions 26 to 29 can be any amino acid

<400> 33

Cys Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1   5   10   15

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa His Xaa Xaa Xaa Xaa Cys

20 25 30

<210> 34
<211> 33
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<213> Artificial

<220>
<223> Synthetic

<220>
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<223> The Xaa at positions 7 to 26 can be any amino acid, where up to 16 amino acids 7 to 26 can be absent

<400> 34

Val Lys Cys Phe Asn Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10 15

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa His Thr Ala Arg Asn Cys
20 25 30

Arg

<210> 35
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<213> Artificial

<220>
<223> Synthetic

<220>
<221> MISC_FEATURE
<222> (10)..(29)
<223> The Xaa at positions 10 to 29 can be any amino acid, where up to 16 amino acids 10 to 29 can be absent

<400> 35

Met Asn Pro Asn Cys Ala Arg Cys Gly Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10 15

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa His Lys Ala
20 25 30

Cys Phe